17 FEB 2006 US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE FORM PTO-1390 ATTORNEY'S DOCKET NUMBER (REV. 01-2003) 124196 TRANSMITTAL LETTER TO THE UNITED STATES U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **DESIGNATED/ELECTED OFFICE (DO/EO/US)** 10/539,589 / **CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP2003/016378 December 19, 2003 December 26, 2002 TITLE OF INVENTION MANUFACTURING METHOD OF CERAMIC STRUCTURE APPLICANTS FOR DO/EO/US Isao ITO et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 1. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 2. 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. The US has been elected (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a.

is attached hereto (required only if not communicated by the International Bureau). b. has been communicated by the International Bureau. c. \square is not required, as the application was filed in the United States Receiving Office (RO/US). 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) b. has been previously submitted under 35 U.S.C. 154(d)(4). c.

The International Application was filed in English. 7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a.

are attached hereto (required only if not communicated by the International Bureau). b. have been communicated by the International Bureau. c. have not been made; however, the time limit for making such amendments has NOT expired. d. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A preliminary amendment. 14. An Application Data Sheet under 37 CFR 1.76. 15. A substitute specification. 16. \boxtimes A power of attorney and/or change of address letter. 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. П A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. Petition for Extension of Time and Transmittal of Power of Attorney and Statement.

U.S. APPLICATION NO. (if known, 10/539,589	, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICA PCT/JP2003/016378	TION NO.	ATTORNEY'S DOCKET NUMBER 124196	
21. The following fees	s are submitted:			CALCULATIONS	PTO USE ONLY
BASIC NATIONAL FEE (3	7 CFR 1.492(a)):		\$ 300.00	\$	
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):				\$	
International preliminary ex the USPTO as IPEA or IS/ industrial applicability for al national stage	A and favorable as to Il claims presented in	novelty, inventive ster the application entering	o, and ng the		
International search fee (37	7 CFR 1.445(a)(2)) p	aid to USPTO as ISA	\$ 100.00		
International search report the search fee is paid	provided to USPTO	no later than the time a	t which \$ 400.00		
All situations not provided t					
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):				\$	
International preliminary ex the USPTO as IPEA or IS/ industrial applicability for al national stage	A and favorable as to Il claims presented in	novelty, inventive step the application entering	o, and ng the\$ 0.00		
All situations not provided f Surcharge of \$130.00 for fu	or above	declaration later than 3	\$ 200.00	\$130.00	
earliest claimed priority dat	e (37 CFR 1.492(e)).	deciaration later than 3	ou months from the	\$130.00	
TOTAL PAGES OF APPLICATION OVER 100 (- 100)	÷ 50	= †	x 250 =	\$	
†round up to next intege	r	<u>.</u>	•		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	•
TOTAL CLAIMS	- 20	=	x 50.00 =	\$	Q.,
INDEPENDENT CLAIMS		<u>_</u> =	x 200.00 =	\$	
MULTIPLE DEPENDENT CLAIM(S)(if applicable) + 360.00 =				\$	
TOTAL OF ABOVE CALCULATIONS = Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are			\$130.00 \$,	
reduced by ½.		CFR 1.27. The lees	SUBTOTAL =	\$130.00	
Processing fee of \$130.00	for furnishing the Eng	alish translation later th		\$	
the earliest claimed priority	date (37 CFR 1.492	(f)).	ian so months nom	"	
		TOTAL	NATIONAL FEE =	\$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be			\$		
accompanied by an approp	riate cover sheet (37			2/22/22	
2/2006 LLANDGRA 00000028 1	0539589	TOTAL FE	ES ENCLOSED =	\$130.00	
C:1617 130.00 OP			Amount to be		
C:1017	130100 UF			refunded: charged:	\$ \$
a.	601 in the amount of	\$130.00 to cover the a	hove fees is enclosed		1 \$
	my Deposit Account	No in the amou			uplicate copy of this
c.	oner is hereby author nt No. <u>15-0461</u> . A du	ized to charge any add plicate copy of this she	itional fees which may eet is enclosed.	y be required, or credi	it any overpayment to
d. Fees are to be a information sh	charged to a credit can could not be included	ard. WARNING: Infor ed on this form. Provi	mation on this form m de credit card informa	ay become public. C ation and authorization	redit card n on PTO-2038.
NOTE: Where an appro	nrinto timo timit	der 37 CFR 1.495 has	mat haan mat = = = 11	tion to control (07 0=	TD 4 497/-1 (53)
must be filed an SEND ALL CORRESPON	d granted to restore IDENCE TO:	e the application to p	ending status.	WOA	·R 1.137(a) or (b))
OLIFF & BERRIDG			<u> </u>	man Wall	<u> </u>
Customer Number	r: 25944		NAME: Jame REGISTRATIO	es A. Oliff ON NUMBER: 27,0	75
Date February 17, 200	<u>06</u>		NAME: Linda REGISTRATIO	M. Saltiel ON NUMBER: 51,1	22
				•	



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Isao ITO et al.

Attn: Mail Stop PCT

Application No.:

10/539,589

Docket No.: 124196

Filed:

February 17, 2006

For:

MANUFACTURING METHOD OF CERAMIC STRUCTURE

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C 371 IN THE UNITED STATES DESIGNATED/
ELECTED OFFICE (DO/EO/US) WITH DECLARATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C 371 in the United States Designated/Elected Office (DO/EO/US) (copy attached) mailed on November 17, 2005, submitted herewith is the executed Declaration of the inventors and a Power of Attorney. Any necessary Designation of Ten Attorneys for Power of Attorney or Transmittal of Power of Attorney and Statement Under 37 C.F.R. §3.73(b) is also attached. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

Attached is our Check No. $\underline{176601}$ for \boxtimes \$130.00 for the fee under 37 C.F.R. \S 1.492(h).

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notification of Missing Requirements. Accordingly, prompt issuance of a Notification of Acceptance and Official Filing Receipt, and prompt examination and allowance of this application are respectfully solicited.

The Commissioner is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Linda M. Saltiel

Registration No. 51,122

JAO:LMS/emt

Date: February 17, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

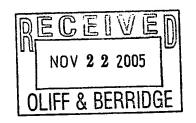


United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P. Dec 1459 Alexandria, Vinjinia 22313-1450

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/539.589 124196 Isao Ito

25944 **OLIFF & BERRIDGE, PLC** P.O. BOX 19928 **ALEXANDRIA, VA 22320**



INTERNATIONAL APPLICATION NO. PCT/JP03/16378 I.A. FILING DATE PRIORITY DATE 12/19/2003 12/26/2002

CONFIRMATION NO. 4793 371 FORMALITIES LETTER OC000000017455517

MISSING PARTS

Date Mailed: 11/17/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495). DUE DATE

- Copy of the International Application filed on 06/17/2005
- English Translation of the IA filed on 06/17/2005
- Copy of the International Search Report filed on 06/17/2005
- Preliminary Amendments filed on 06/17/2005
- Information Disclosure Statements filed on 06/17/2005
- U.S. Basic National Fees filed on 06/17/2005
- Priority Documents filed on 06/17/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

\$130 Surcharge.

JAN 1 7 2006

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/539,589	PCT/JP03/16378	124196

FORM PCT/DO/EO/905 (371 Formalities Notice)